

## SUPPLEMENTAL APPLICATION DATA SHEET

### APPLICATION INFORMATION

Application Type:: REGULAR  
Subject Matter:: UTILITY  
CD-ROM or CD-R?:: NONE  
Title:: SYSTEM AND METHOD FOR USING  
FIRST-PRINCIPLES SIMULATION TO  
PROVIDE VIRTUAL SENSORS THAT  
FACILITATE A SEMICONDUCTOR  
MANUFACTURING PROCESS  
Attorney Docket Number:: 230420US6YA  
Total Drawing Sheets:: 14

### INVENTOR INFORMATION

Applicant Authority Type::	INVENTOR
Primary Citizenship Country::	<u>United States</u>
Status::	FULL CAPACITY
Given Name::	Andrej
Middle Name::	S.
Family Name::	MITROVIC
City of Residence::	Phoenix
State or Province of Residence::	Arizona
Country of Residence::	United States
Street of Mailing Address::	4720 E. Winston Drive
City of Mailing Address::	Phoenix
State or Province of Mailing Address::	Arizona
Country of Mailing Address::	United States
Postal or Zip Code of Mailing Address::	85044

Applicant Authority Type:: INVENTOR  
Primary Citizenship Country:: United States  
Status:: FULL CAPACITY  
Given Name:: Eric  
Middle Name:: J.  
Family Name:: STRANG  
City of Residence:: Chandler  
State or Province of Residence:: Arizona  
Country of Residence:: United States  
Street of Mailing Address:: 1081 West Oriole Way  
City of Mailing Address:: Chandler  
State or Province of Mailing Address:: Arizona  
Country of Mailing Address:: United States  
Postal or Zip Code of Mailing Address:: 85248

#### CORRESPONDENCE INFORMATION

Correspondence Customer Number:: 22850

#### REPRESENTATIVE INFORMATION

Representative Customer Number:: 22850

#### DOMESTIC PRIORITY INFORMATION

#### FOREIGN PRIORITY INFORMATION

#### ASSIGNMENT INFORMATION

Assignee Name:: TOKYO ELECTRON LIMITED  
Street of Mailing Address:: 3-6, Akasaka 5-chome, Minato-ku  
City of Mailing Address:: Tokyo  
Country of Mailing Address:: Japan  
Postal or Zip Code of Mailing Address:: 107-8481

DOCKET NO: 230420US41YA

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF

:

ANDREJ S. MITROVIC, ET AL

: EXAMINER: AKASH SAXENA

SERIAL NO: 10/673,583

:

FILED: SEPTEMBER 30, 2003

: GROUP ART UNIT: 2128

FOR: SYSTEM AND METHOD FOR  
USING FIRST-PRINCIPLES  
SIMULATION TO PROVIDE VIRTUAL  
SENSORS THAT FACILITATE A  
SEMICONDUCTOR MANUFACTURING  
PROCESS

:

**PETITION TO CORRECT INVENTORSHIP**

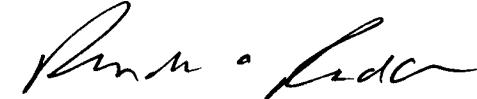
COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

In accordance with 37 C.F.R. § 1.48(a), it is hereby requested that the inventorship in the above-identified application be changed to include Eric J. STRANG. The attached Supplemental Application Data Sheet is being submitted to add Eric J. STRANG as the second named inventor, along with a Statement of the Inventor being added to this application and a newly executed Substitute Declaration by both inventors.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.



Philippe J.C. Signre, Ph.D.  
Attorney of Record  
Registration No. 43,922

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DOCKET NO: 230420US41YA

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF

ANDREJ S. MITROVIC

: EXAMINER: SAXENA, AKASH

SERIAL NO: 10/673,583

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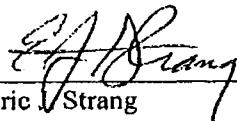
STATEMENT FROM THE INVENTOR UNDER 37 C.F.R. §1.48(a)(2)

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

I hereby state that I am a co-inventor of the above mentioned invention and due to error, I was not listed as an inventor of the above-identified application. The omission occurred without deceptive intent on my part.

Respectfully submitted

  
\_\_\_\_\_  
Eric J. Strang  
Inventor

## Substitute Declaration, Power of Attorney and Petition

WE (I) the undersigned inventor(s), hereby declare(s) that:

My residence, post office address and citizenship are as stated below next to my name,

We (I) believe that we are (I am) the original, first and joint (sole) inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled

SYSTEM AND METHOD FOR USING FIRST-PRINCIPLES SIMULATION TO PROVIDE VIRTUAL  
SENSORS THAT FACILITATE A SEMICONDUCTOR MANUFACTURING PROCESS

the specification of which

is attached hereto.

was filed on September 30, 2003 as  
Application Serial No. 10/673,583  
and amended on \_\_\_\_\_.

was filed as PCT international application  
Number \_\_\_\_\_  
on \_\_\_\_\_,  
and was amended under PCT Article 19  
on \_\_\_\_\_ (if applicable).

We (I) hereby state that we (I) have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

We (I) acknowledge the duty to disclose information known to be material to the patentability of this application as defined in Section 1.56 of Title 37 Code of Federal Regulations, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application.

We (I) hereby claim foreign priority benefits under 35 U.S.C. §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed. Prior Foreign Application(s)

Application No.	Country	Day/Month/Year	Priority Claimed
_____	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No
_____	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No

We (I) hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

\_\_\_\_\_  
(Application Number) \_\_\_\_\_  
(Filing Date)

\_\_\_\_\_  
(Application Number) \_\_\_\_\_  
(Filing Date)

We (I) hereby claim the benefit under 35 U.S.C. §120 of any United States application(s), or under §365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

Application Serial No.	Filing Date	Status (pending, patented, abandoned)
_____	_____	_____
_____	_____	_____

And we (I) hereby appoint the following registered practitioner(s):

The Practitioners Associated With Customer Number  
22850

as our (my) attorneys, with full powers of substitution and revocation, to prosecute this application and to transact all business in the Patent Office connected therewith; and we (I) hereby request that all correspondence regarding this application be sent to

The Address Associated With Customer Number  
22850

We (I) declare that all statements made herein of our (my) own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Andrej S. MITROVIC

NAME OF FIRST OR SOLE INVENTOR

Signature of Inventor

Date

7-8-2011

Residence: Phoenix, Arizona

Citizen of: United States

Mailing Address: 4720 E. Winston Drive, Phoenix, Arizona 85044

Eric J. STRANG

NAME OF SECOND JOINT INVENTOR

Signature of Inventor

Date

(OSMMN 09/2005)

Residence: Chandler, Arizona

Citizen of: United States

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Arizona 85248